



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 4

Test Date: March 2009
Code: 12631786
SAU: MSAD 71
School: Kennebunkport Consolidated Sch

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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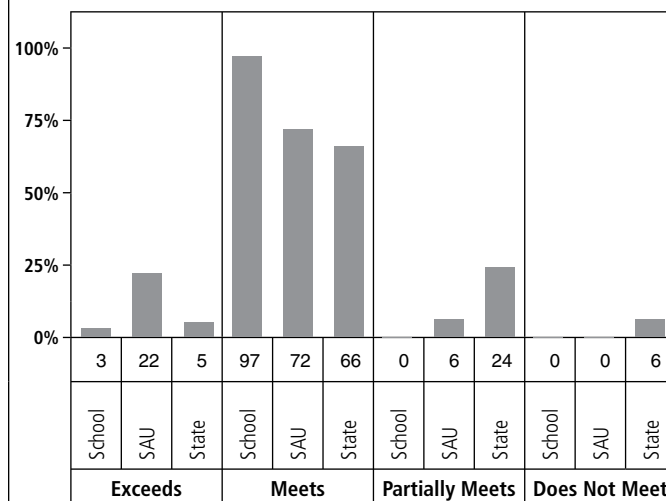
SUMMARY OF SCORES

Test Date: March 2009
Grade: 4
SAU: MSAD 71
School: Kennebunkport Consolidated Sch

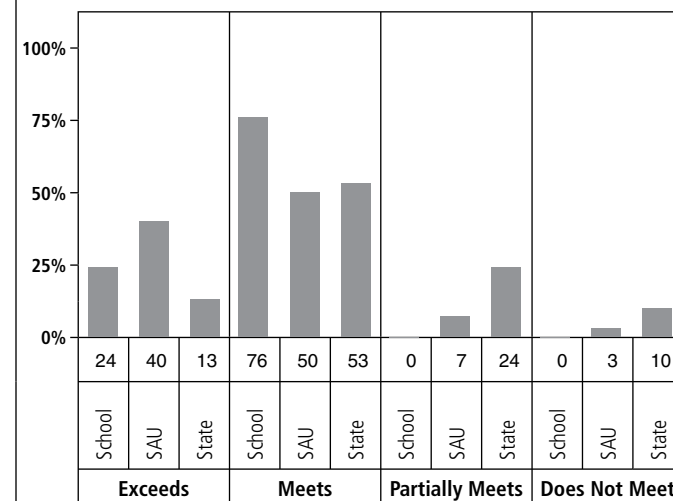
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	452	453	445
2007–2008	451	452	445
2008–2009	451	455	446
Cum. Avg.*	451	453	445
Mathematics			
2006–2007	462	456	445
2007–2008	454	456	445
2008–2009	457	457	446
Cum. Avg.*	457	456	445

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 4
SAU: MSAD 71
School: Kennebunkport Consolidated Sch

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	31	100	140	100	13805	100	31	100	140	100	13737	100	31	100	140	100	13746	100						
Ethnicity African American/Black	0	0	1	1	419	3	0	0	1	100	410	98	0	0	1	100	416	99						
American Indian or Native Alaskan	0	0	0	0	125	1	0	0	0	0	124	99	0	0	0	0	124	99						
Asian or Pacific Islander	1	3	4	3	229	2	1	100	4	100	223	97	1	100	4	100	227	99						
Hispanic	0	0	0	0	149	1	0	0	0	0	148	99	0	0	0	0	148	99						
Caucasian/White	30	97	135	96	12883	93	30	100	135	100	12832	100	30	100	135	100	12831	100						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	8	26	25	18	2383	17	8	100	25	100	2366	100	8	100	25	100	2364	99						
Current LEP	2	6	5	4	377	3	2	100	5	100	362	96	2	100	5	100	373	99						
Economically disadvantaged	3	10	19	14	5819	42	3	100	19	100	5782	99	3	100	19	100	5788	100						
Migrant	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	23	74	115	82	10439	76	23	74	115	82	10471	76						
Identified disability (PET/IEP)	2	9	3	3	351	3	2	9	3	3	367	4						
LEP	2	9	5	4	171	2	2	9	5	4	172	2						
504 plan	0	0	0	0	92	1	0	0	0	0	90	1						
Participation with accommodations	6	19	23	16	3142	23	6	19	23	16	3138	23						
Identified disability (PET/IEP)	4	67	20	87	1860	59	4	67	20	87	1860	59						
LEP	0	0	0	0	186	6	0	0	0	0	198	6						
504 plan	0	0	0	0	71	2	0	0	0	0	73	2						
Other	2	33	3	13	1060	34	2	33	3	13	1043	33						
Participation through alternate assessment (PAAP)	2	6	2	1	155	1	2	6	2	1	137	1						
Identified disability (PET/IEP)	2	100	2	100	155	100	2	100	2	100	137	100						
LEP	0	0	0	0	4	3	0	0	0	0	3	2						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	1	0												
Approved non-participation – special consideration	0	0	0	0	11	0	0	0	0	0	11	0						
Non-participation – other	0	0	0	0	57	0	0	0	0	0	48	0						

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 4
SAU: MSAD 71
School: Kennebunkport Consolidated Sch

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 462–480)	2006-2007	1	5	20	13	507	4
	2007-2008	6	14	26	16	559	4
	2008-2009	1	3	31	22	672	5
	Cum. Total*	8	9	77	17	1738	4
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 442–460)	2006-2007	21	95	128	80	8749	63
	2007-2008	33	77	112	71	8308	59
	2008-2009	28	97	99	72	8917	66
	Cum. Total*	82	87	339	74	25974	63
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 432–440)	2006-2007	0	0	9	6	3467	25
	2007-2008	3	7	18	11	3922	28
	2008-2009	0	0	8	6	3241	24
	Cum. Total*	3	3	35	8	10630	26
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 400–430)	2006-2007	0	0	3	2	1165	8
	2007-2008	1	2	2	1	1264	9
	2008-2009	0	0	0	0	751	6
	Cum. Total*	1	1	5	1	3180	8

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	48	100	35.8	74.6	37.7	78.5	31.6	65.8
A1/A2 Interconnected Elements/Literary Text	24	50	18.3	76.3	19.1	79.6	16.1	67.1
A1/A3 Interconnected Elements/Informational Text	24	50	17.4	72.5	18.5	77.1	15.5	64.6

The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:
<http://www.maine.gov/education/lres/pei/index.html>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 4
 SAU: MSAD 71
 School: Kennebunkport Consolidated Sch

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	29	1	3	28	97	0	0	0	0	451	138	22	72	6	0	455	13581	5	66	24	6	446
Ethnicity																						
African American/Black	0										1						408	2	51	31	16	441
American Indian or Native Alaskan	0										0						122	1	59	34	6	444
Asian or Pacific Islander	1										4						221	9	62	22	7	447
Hispanic	0										0						146	1	64	28	6	445
Caucasian/White	28	1	4	27	96	0	0	0	0	451	133	22	72	6	0	455	12684	5	66	24	5	446
Not Reported	0										0						0					
Identified disability																						
Yes	6	0	0	6	100	0	0	0	0	449	23	4	78	17	0	450	2211	1	39	42	18	439
No	23	1	4	22	96	0	0	0	0	452	115	26	70	3	0	456	11370	6	71	20	3	448
Current LEP																						
Yes	2										5	40	60	0	0	460	357	3	42	36	19	440
No	27	1	4	26	96	0	0	0	0	451	133	22	72	6	0	455	13224	5	66	24	5	446
Economically disadvantaged																						
Yes	2										18	22	56	22	0	452	5677	2	57	32	9	443
No	27	1	4	26	96	0	0	0	0	451	120	23	74	3	0	455	7904	7	72	18	3	448
Migrant																						
Yes	0										0						6	0	67	33	0	445
No	29	1	3	28	97	0	0	0	0	451	138	22	72	6	0	455	13575	5	66	24	6	446
Gender																						
Female	18	0	0	18	100	0	0	0	0	451	78	22	73	5	0	455	6580	7	68	21	5	448
Male	11	1	9	10	91	0	0	0	0	451	60	23	70	7	0	455	7001	3	64	27	6	445
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	9	0	0	9	100	0	0	0	0	449	15	0	87	13	0	447	2127	1	48	42	9	441
No	20	1	5	19	95	0	0	0	0	452	123	25	70	5	0	456	11454	6	69	20	5	447
Gifted/talented program																						
Yes	0										0						324	27	72	1	0	458
No	29	1	3	28	97	0	0	0	0	451	138	22	72	6	0	455	13257	4	65	24	6	446

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
 Grade: 4
 SAU: MSAD 71
 School: Kennebunkport Consolidated Sch

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	0										1	0	100	0	0	460	4	2	45	36	17	441
B. less than one hour	89	1	4	24	96	0	0	0	0	451	74	24	70	6	0	455	75	5	67	23	4	447
C. one to two hours	11	0	0	3	100	0	0	0	0	452	25	21	74	6	0	456	18	5	67	23	5	447
D. more than two hours	0										1	0	100	0	0	460	2	3	45	36	16	442
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	57	1	6	15	94	0	0	0	0	451	49	32	64	5	0	457	40	8	71	17	4	449
B. good	36	0	0	10	100	0	0	0	0	451	42	18	75	7	0	454	45	3	66	25	5	446
C. fair	7	0	0	2	100	0	0	0	0	452	8	0	91	9	0	450	13	1	54	35	10	442
D. poor	0										1	0	100	0	0	450	2	0	39	42	19	439
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	18	0	0	5	100	0	0	0	0	452	48	36	63	2	0	458	31	8	69	19	4	448
B. They match some of what I have learned.	82	1	4	22	96	0	0	0	0	451	47	11	81	8	0	453	53	4	68	23	4	447
C. They match just a little of what I have learned.	0										4	0	100	0	0	452	11	2	54	35	10	442
D. There is no match.	0										2	0	0	100	0	438	4	1	39	40	20	439
How hard was the reading part of this test?																						
A. harder than my regular schoolwork	4	0	0	1	100	0	0	0	0	444	15	10	80	10	0	452	19	4	54	31	11	443
B. about the same as my regular schoolwork	79	0	0	22	100	0	0	0	0	451	73	25	69	6	0	456	63	6	69	22	4	447
C. easier than my regular schoolwork	18	1	20	4	80	0	0	0	0	454	12	25	75	0	0	455	18	4	68	23	5	446
How hard were the reading passages on this test?																						
A. Most of the passages were harder than what I normally read.	11	0	0	3	100	0	0	0	0	447	9	8	67	25	0	448	13	0	39	43	17	439
B. Most of the passages were about the same as what I normally read.	54	0	0	15	100	0	0	0	0	451	49	17	78	5	0	454	52	4	69	24	4	446
C. Most of the passages were easier than what I normally read.	36	1	10	9	90	0	0	0	0	453	42	32	64	4	0	457	35	9	72	16	3	449
How much time do you spend reading at home each day?																						
A. more than one hour	18	0	0	5	100	0	0	0	0	450	27	36	50	14	0	456	21	8	68	19	5	448
B. 20 minutes to an hour	57	1	6	15	94	0	0	0	0	454	62	20	77	2	0	456	55	5	70	21	4	447
C. less than 20 minutes	18	0	0	5	100	0	0	0	0	446	8	0	90	10	0	449	13	2	57	33	8	443
D. I rarely read at home.	7	0	0	2	100	0	0	0	0	446	3	0	100	0	0	449	11	1	51	37	11	442
How many pages do you read in school and to complete homework assignments?																						
A. five or fewer pages	4	0	0	1	100	0	0	0	0	446	9	17	58	25	0	450	25	3	59	30	8	444
B. six to ten pages	25	0	0	7	100	0	0	0	0	449	17	14	82	5	0	453	24	4	64	26	6	445
C. eleven or more pages	71	1	5	19	95	0	0	0	0	452	74	26	71	3	0	456	51	7	70	20	4	448
Optional school/SAU question																						
A.	0										45	60	40	0	0	463						
B.	0										45	20	80	0	0	452						
C.	0										9	0	100	0	0	446						
D.	0										0											

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 4
SAU: MSAD 71
School: Kennebunkport Consolidated Sch

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 462–480)	2006-2007	8	36	43	27	1054	8
	2007-2008	5	12	40	25	1321	9
	2008-2009	7	24	55	40	1712	13
	Cum. Total*	20	21	138	30	4087	10
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 442–460)	2006-2007	14	64	100	63	7394	53
	2007-2008	34	79	100	63	7079	51
	2008-2009	22	76	69	50	7270	53
	Cum. Total*	70	74	269	59	21743	52
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 430–440)	2006-2007	0	0	15	9	3729	27
	2007-2008	4	9	17	11	3955	28
	2008-2009	0	0	10	7	3219	24
	Cum. Total*	4	4	42	9	10903	26
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 400–428)	2006-2007	0	0	2	1	1735	12
	2007-2008	0	0	1	1	1642	12
	2008-2009	0	0	4	3	1408	10
	Cum. Total*	0	0	7	2	4785	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	48	100	37.3	77.7	37.4	77.9	30.8	64.2
A. Number	20	42	15.4	77.0	15.4	77.0	12.5	62.5
B. Data	8	17	6.0	75.0	6.3	78.8	5.3	66.3
C. Geometry	10	21	8.3	83.0	7.8	78.0	6.5	65.0
D. Algebra	10	21	7.6	76.0	7.8	78.0	6.5	65.0

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
Grade: 4
SAU: MSAD 71
School: Kennebunkport Consolidated Sch

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	29	7	24	22	76	0	0	0	0	457	138	40	50	7	3	457	13609	13	53	24	10	446
Ethnicity																						
African American/Black	0										1						415	5	41	30	24	439
American Indian or Native Alaskan	0										0						123	12	46	28	13	445
Asian or Pacific Islander	1										4						225	22	45	20	12	448
Hispanic	0										0						147	3	58	30	10	443
Caucasian/White	28	6	21	22	79	0	0	0	0	456	133	38	51	8	3	457	12699	13	54	23	10	447
Not Reported	0										0						0					
Identified disability																						
Yes	6	0	0	6	100	0	0	0	0	452	23	4	57	22	17	445	2227	3	34	33	30	437
No	23	7	30	16	70	0	0	0	0	458	115	47	49	4	0	460	11382	14	57	22	7	448
Current LEP																						
Yes	2										5	80	20	0	0	467	370	7	35	31	27	439
No	27	5	19	22	81	0	0	0	0	456	133	38	51	8	3	457	13239	13	54	23	10	447
Economically disadvantaged																						
Yes	2										18	22	61	6	11	452	5704	6	48	30	16	442
No	27	7	26	20	74	0	0	0	0	457	120	43	48	8	2	458	7905	18	57	19	6	450
Migrant																						
Yes	0										0						6	17	33	50	0	448
No	29	7	24	22	76	0	0	0	0	457	138	40	50	7	3	457	13603	13	53	24	10	446
Gender																						
Female	18	4	22	14	78	0	0	0	0	455	78	35	55	6	4	456	6591	12	54	24	11	446
Male	11	3	27	8	73	0	0	0	0	459	60	47	43	8	2	459	7018	13	53	24	10	447
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	9	0	0	9	100	0	0	0	0	454	15	7	73	13	7	450	2131	3	41	38	18	440
No	20	7	35	13	65	0	0	0	0	458	123	44	47	7	2	458	11478	14	56	21	9	448
Gifted/talented program																						
Yes	0										0						324	64	34	2	0	464
No	29	7	24	22	76	0	0	0	0	457	138	40	50	7	3	457	13285	11	54	24	11	446

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
 Grade: 4
 SAU: MSAD 71
 School: Kennebunkport Consolidated Sch

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	0										1	0	0	100	0	436	4	4	37	30	28	438
B. less than one hour	89	6	24	19	76	0	0	0	0	456	74	37	52	7	4	457	75	13	55	23	9	447
C. one to two hours	11	1	33	2	67	0	0	0	0	459	25	50	47	3	0	461	18	12	54	24	10	446
D. more than two hours	0										1	100	0	0	0	464	2	7	39	29	25	440
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	50	5	36	9	64	0	0	0	0	459	50	53	40	3	4	461	37	22	56	16	7	451
B. good	32	1	11	8	89	0	0	0	0	455	41	30	59	9	2	455	45	9	56	25	9	446
C. fair	18	1	20	4	80	0	0	0	0	452	8	9	73	18	0	450	14	3	46	34	17	440
D. poor	0										1	0	0	100	0	438	3	2	33	35	29	436
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	32	2	22	7	78	0	0	0	0	454	47	48	48	3	0	461	35	19	56	19	7	450
B. They match some of what I have learned.	68	5	26	14	74	0	0	0	0	458	46	32	53	11	3	455	51	11	56	25	8	446
C. They match just a little of what I have learned.	0										4	17	67	0	17	450	10	5	43	31	21	440
D. There is no match.	0										3	50	0	25	25	449	4	3	26	33	37	434
How hard was the mathematics part of this test?																						
A. harder than my regular schoolwork	7	0	0	2	100	0	0	0	0	449	7	11	33	44	11	442	17	5	44	31	20	441
B. about the same as my regular schoolwork	68	7	37	12	63	0	0	0	0	459	64	41	51	5	3	458	62	13	57	23	7	448
C. easier than my regular schoolwork	25	0	0	7	100	0	0	0	0	452	29	43	53	5	0	459	21	18	53	19	10	449
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	0										2	33	0	67	0	447	7	6	36	32	27	438
B. 30–45 minutes	0										7	0	78	0	22	446	25	7	52	28	12	444
C. 45–60 minutes	7	0	0	2	100	0	0	0	0	449	10	31	54	0	15	453	38	14	56	22	8	448
D. more than 60 minutes	93	7	27	19	73	0	0	0	0	457	82	44	49	7	0	459	30	18	56	19	7	449
How often do you use calculators in mathematics class?																						
A. almost every day	0										1	0	100	0	0	455	3	4	36	31	28	438
B. two or three days a week	0										24	55	33	12	0	461	12	13	51	26	10	446
C. two or three times each month	4	0	0	1	100	0	0	0	0	452	26	49	49	3	0	460	32	15	58	20	7	449
D. never or almost never	96	6	23	20	77	0	0	0	0	456	48	28	58	8	6	454	53	11	53	25	11	446
How often do you use hands-on materials in mathematics class?																						
A. almost every day	30	1	13	7	88	0	0	0	0	456	38	37	45	14	4	456	26	12	50	25	13	445
B. two or three days a week	44	4	33	8	67	0	0	0	0	457	45	48	49	2	2	459	32	14	57	21	7	448
C. two or three times each month	22	1	17	5	83	0	0	0	0	455	14	26	63	5	5	454	26	13	56	22	8	448
D. never or almost never	4	0	0	1	100	0	0	0	0	450	3	0	75	25	0	446	17	9	50	27	13	444
Optional school/SAU question																						
A.	0										45	80	20	0	0	468						
B.	0										45	40	60	0	0	458						
C.	0										9	0	100	0	0	446						
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
 N = Number